

Polypropylene film for packaging having low temp. impact strength - contains plasticiser and opt. elastomer and linear low density polyethylene

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Patent Family

| Patent Number | Kind | Date | Application Number | Kind | Date | Week | Type |
|---------------|------|----------|--------------------|------|----------|--------|------|
| JP 2080445 | A | 19900320 | JP 88232994 | A | 19880916 | 199018 | B |
| JP 2730079 | B2 | 19980325 | JP 88232994 | A | 19880916 | 199817 | |

Priority Applications (Number Kind Date): JP 88232994 A (19880916)

Patent Details

| Patent | Kind | Language | Page | Main IPC | Filing Notes |
|------------|------|----------|------|-------------|----------------------------------|
| JP 2080445 | A | | 6 | | |
| JP 2730079 | B2 | | 4 | C08L-023/10 | Previous Publ. patent JP 2080445 |

Abstract:

JP 2080445 A

Film comprises polypropylene polymer(a), 0.2-5 wt.% plasticiser(b) and opt., i) 3-20 wt.% elastomer(c) or (ii) 3-20 wt.% elastomer(c) and 5-20 wt.% linear low density polyethylene.

Pref. (a) is a homopolymer of propylene, propylene-ethylene(content less than 10 wt.%) random or block copolymer or propylene-ethylene(content less than 10 wt.%) - butene(content less than 10 wt.%) random copolymer. (b) is diisononyl adipate, butyl stearate or epoxidised octylstearate. (c) is ethylene-alpha-olefin copolymer or propylene-alpha-olefin copolymer.

USE/ADVANTAGE - Used as packaging film for food, garments, medical supplies etc. It has good impact strength at low temp. without decreasing heat blocking resistance and sealing strength. (6pp Dwg.No.0/0)

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